U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are require Complete if Known Substitute for form 1449A/PTO **Application Number** 10/717,698 Filing Date INFORMATION DISCLOSURE November 20, 2003 First Named Inventor Pruitt, et al. STATEMENT BY APPLICANT Art Unit **Examiner Name** (Use as many sheets as necessary) 1000.4US01/10.83 Attorney Docket Number Sheet

Examiner	Cito	Danimont Number	U. S. PATENT [Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
initials* .	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
7DPV/	BD	^{US-} 2005/0165656	07-28-2005	FREDERICK et al.	
		US-			
		US-			
		US-	•		
		US-			
		US-			
		US-		·	
		US-			
		US- ·			
		US			
		U6-			
		US-		*	
		US-			
		ŲS-			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	⊸	
- In the latest and t	<u> </u>	Country Code ³ Number ⁴ 'Kind Code ⁵ (# known)			or Relevant Figures Appear	H	
************	<u> </u>			***************************************		<u> </u>	
		22.00 22.002.) Media (edi merimoria) de dirimentino de 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 2		0 12 12 1 12 12 12 12 12 12 12 12 12 12 1		┝	
						┝	
			MIN			-	

	alia Tananania Tananania	The state of the s		
Examiner Signature	/Daniel Vetter/	Date Considered	07/18/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

			1 11 11 11 11 11 11 11 11 11 11 11 11 1		Complete if Known
Subsum	10 10 10 11 14-13/F 10			Application Number	10/717,698
INFO	DRMATION	I DIS	CLOSURE	Filing Date	November 20, 2003
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Pruitt, et al.
	ORMATION DISCLOSURE Application Number 10/717,698 November 20, 2003	300 36,28			
	(US9 as many sm	eets as m	ecessary)	Examiner Name	Danny Vetter
Sheet	2	of	2	Attorney Docket Number	1000.40501/10.83

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of							
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
/DPV/	BE	DAWN KAWAMOTO, "Amazon Files for Web Services Patent," CNET News.com, July 28, 2005, pgs. 1-2, http://www.news.com.							
?									

Examiner Signature /Daniel Vetter/	Date Considered	07/18/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
J.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Unde	r the Pa	perwork Reduction	Act of 1995, no.	person	s are require	d to resoo	nd to a col			entains a valid OMB control num	ber.
Sut	bstitute f	for form 1449A/PTO	1					Co	mplete if	Known	1
						A	pplication	Number	10/717,69	98	
11	NFO	RMATION	I DISCL	.os	URE	F	iling Date)	Novembe	er 20, 2003	
		EMENT E				F	irst Name	ed Inventor	Pruitt, et	· - · · · · · · · · · · · · · · · · · ·	
					,	A	Irt Unit		3629≤ 3	628.,	
		(Use as many sh	eets as necess	ary)		E	xaminer	Name	Danie	1 Veller	
Sheet		1		f	2	A	Attorney D	ocket Number		501/10.83	フ
-					J. S. PAT	ENT D	OCUM	ENTS			
Examiner	Cite	Document	Number		Publication [Date	Na	me of Patentee or		Pages, Columns, Lines, Where	—
Initials*	No.1	Number-Kind C	ode ² (F known)	1	MM-DD-YY	YY	Applica	ant of Cited Docum	ent	Relevant Passages or Relevant Figures Appear	
	BC	US- Ser. No.:	10/431,394	FI	D: 05-06-	2003	P	RUITT, et al.			
		US-									
		· US-	-	1					····	· · · · · · · · · · · · · · · · · · ·	
		US-									
		US-									
		US-									
		US-									
		US-									
		US-									
		US-									
		US-									
		US-						•			
		US-									
		US									
-		US-									
	<u> </u>	US-									
		US-		<u> </u>							
		US-									
				FOF	REIGN P	ATENT	DOCU	MENTS			
Examiner	Cite	Foreiç	gn Patent Docu	ment		Publicati	on Date	Name of Pate	entee or	Pages, Columns, Lines,	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.'	Foreign Patent Document Country Code ³ Number * Wind Code ⁸ (<i>li known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т8	

Examiner		Date	
Signature	Daniel Vetter/	Considered	07/18/2007
Signature	/Daniel Vetter/	Considered	0111012001

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is ettached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

	U.S. Patent and Trademark Office; U.S. I	DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995,	no persons are required to respond to a collection of information unless it conta	ins a valid OMB control number.

Substitut	Street the Paperwork Reduction At of 1995, the persons are regulated to respond to a content of minormatical training at value of the Paperwork Reduction Number Complete if Known				
00000.0	••.			Application Number	10/717,698
INFO	ORMATION	Application Number 10/717,698 EMATION DISCLOSURE Filing Date November 20, 2003 First Named Inventor Pruitt, et al. Art Unit 3000 3 (c.) 8			
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Pruitt, et al.
1	Application Number 10/717,698 FORMATION DISCLOSURE Filing Date November 20, 2003 ATEMENT BY APPLICANT (Use as many sheets as necessary) Application Number 10/717,698 Filing Date November 20, 2003 First Named Inventor Pruitt, et al. Art Unit See 36 28 Examiner Name				
	(030 us many sne	7010 US 170		Examiner Name	Device Vetter
(Use as many sheets as necessary) Art Unit Examiner Name Device Ve			1000.4US01/10.83		

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/DPV/	ΑZ	TONY BAER et al., "The elements of Web services," Application Development Trends, December 1, 2002, pgs. 1-6, Application Development Trends, Framingham, MA, http://www.adtmag.com.	
/DPV/	ВА	RICH SEELEY, "Can Infravio technology revive UDDI?," Application Development Trends, October 22, 2003, pg. 1, Application Development Trends, Framingham, MA, http://www.adtmag.com.	
/DPV	BB	MARTIN LAMONICA, "Infravio spiffs up Web services registry idea," CNET News.com, May 11, 2004, pgs. 1-2, http://www.news.com.	
		·	

Examiner	/Daniel Vetter/	Date	07/18/2007
Signature	, 50, 110, 10, 10, 10, 10, 10, 10, 10, 10,	Considered	0111012001

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's urique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

APR 12 2004 E

PTO/SB/08A (08-03)
Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/717,698	_				
Filing Date	November 20, 2003					
First Named Inventor	Pruitt, et al.					
Art Unit	3628	_				
Examiner Name	Daniel Vetter.					
Attorney Docket Number	1000 4US01/10 83	_				

			·		T DOCUMENTS	
Examiner Initials*		Cite No. ¹	Document Number Number-Kind Code ^{2 (F Innount)}	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		AA	^{US-} 6,259,405	07-10-2001	STEWART et al.	
1		AB	^{US-} 2004/0043758	03-04-2004	SORVARI et al.	
		AC	US- 2004/0030740	02-12-2004	STELTING	
		AD	US- 2004/0030627	02-12-2004	SEDUKHIN	
		AE	^{US-} 2004/0006591	01-08-2004	MATSUI et al.	
		AF	US- 2003/0229665	12-11-2003	RYMAN	
		AG	US- 2003/0220835	11-27-2003	BARNES	
		АН	^{US-} 2003/0195813	11-16-2003	PALLISTER et al.	
		Al	^{US-} 2003/0139934	07-24-2003	MANDERA	
	_	AJ	^{US-} 2003/0105846	06-05-2003	ZHAO et al.	
A	7	AK	^{US-} 2003/0074301	04-17-2003	SOLOMON	
			US-	-		
			US-			
			US-			
			US-			
			US-			
			US-			
			US-			
			US-			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
		Country Code ¹ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	₽°				
		•								
			- ·							
		3								

Examiner Signature /Daniel Vetter/ Date Considered 07/18/2007					
	Signature	/Daniel veller/	•	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.ggv or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known ute for form 1449/PTO **Application Number** 10/717,698 INFORMATION DISCLOSURE Filing Date November 20, 2003 STATEMENT BY APPLICANT **First Named Inventor** Pruitt, et al. Art Unit

(Use as many sheets as necessary)

Sheet 3 of

Examiner Name Attorney Docket Number 1000.4US01/10.83

•	NON PATENT LITERATURE DOCUMENTS			
Exam Initial:		Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/D	PV/	AL _.	"3-DNS® Reference Guide version 4.5," September 2002, pgs. 2-1 – 2-28, 3-1 – 3-12, 5-1 – 5-24, F5 Networks, Inc., Seattle, Washington	
		AM	"BIG-IP® Reference Guide version 4.5," September 2002, pgs. 11-1 – 11-32, F5 Networks, Inc., Seattle, Washington.	
		AN	"Routing Global Internet Users to the Appropriate Data Center and Applications Using F5's 3-DNS Controller," August 2001, pgs. 1-4, F5 Networks, Inc., Seattle, Washington,	
			(cont.) http://www.f5.com/f5products/3dns/relatedMaterials/3DNSRouting.html.	
		AO	"Using F5's 3-DNS Controller To Provide High Availability Between Two or More Data Centers," F5 Networks, Inc., August 2001, pgs. 1-3, F5 Networks, Inc., Seattle, Washington,	
			(cont.) http://www.f5.com/f5products/3dns/relatedMaterials/UsingF5.html.	
		AP	Brent Sleeper, "Why UDDI Will Succeed, Quietly: Two Factors Push Web Services Forward," April 2001, pgs. 1-7, The Stencil Group, Inc., San Francisco, California,	
			(cont.) http://www.stencilgroup.com/ideas_scope_200104uddi.pdf.	
		AQ	Brent Sleeper, "The Evolution of UDDI: UDDI.org White Paper," July 19, 2002, pgs. 1-15, The Stencil Group, Inc., San Francisco, California,	
1	/		(cont.) http://www.uddi.org/pubs/the_evolution_of_uddi_20020719.pdf.	

Examiner Signature	/Daniel Vetter/	Date Considered	07/18/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

Applicant's unique dation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitu	ite for form 1449/PTO			Complete if Known			
Cuscul	no to			Application Number	10/717,698		
INF	ORMATION	I DIS	CLOSURE	Filing Date	November 20, 2003		
STA	ATEMENT I	BY A	PPLICANT	First Named Inventor	Pruitt, et al.		
	///			Art Unit	3628		
	(Use as many sh	oots as r	lecessary)	Examiner Name	Daniel Vetter		
Sheet	3	of	3	Attorney Docket Number	1000.4US01/10.83		

Initials* No.1 ti			Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		AR	"UDDI Overview," September 6, 2000, pgs. 1-21, uddi.org, http://www.uddi.org/.		
		AS	"UDDI Technical White Paper," September 6, 2000, pgs. 1-12, uddi.org, http://www.uddi.org/.		
		АТ	"UDDI Version 3.0.1 UDDI Spec Technical Committee Specification," October 14, 2003, pgs. 1-383, uddi.org, http://www.uddi.org/.		
		AU	Yasser Shohoud, "Building XML Web Services with VB .NET and VB 6," 2002, pgs. 1-14, Addison Wesley, Boston, Massachusetts.		
		AV	Bill Schilit, "Bootstrapping Location-Enhanced Web Services," December 4, 2003, University of Washington, Seattle, Washington,		
			(cont.) http://www.cs.washington.edu/news/colloq.info.html.		
		AW	Frank Sommers, "What's New in UDDI 3.0 - Part 1," January 27, 2003, pgs. 1-5, WebServices.Org, http://www.webservices.org/index.php/article/articleview/871/1/24/.		
V		AX	Frank Sommers, "What's New in UDDI 3.0 - Part 2," March 2, 2003, pgs. 1-8, WebServices.Org, http://www.webservices.org/index.php/article/articleview/881/1/24.		
		AY	Frank Sommers, "What's New in UDDI 3.0 - Part 3," February 2, 2003, pgs. 1-4, WebServices.Org, http://www.webservices.org/index.php/article/articleview/894/1/24.		

Examiner Signature	/Daniel Vetter/	Date Considered	07/18/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicants to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting it he completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.